

### LB Agar Medium

1. Mix LB agar powder with dH<sub>2</sub>O in 500 ml bottle, with ratio 3,5 gr agar LB for 100 ml dH<sub>2</sub>O
2. Covered 500 ml bottle with aluminium foil, pinned autoclave band → autoclave band will be black after the sterilization
3. Autoclave Sterilization Dilution Agar LB in dH<sub>2</sub>O
  - Turn on the autoclave machine (autoclave schedule is everyday on 11.00 and 14.00)
  - Import the 500 mL bottle that contain the LB agar to the pass through box.
4. Let the LB agar cooling down (before it rigid)
  - If it was rigid, put LB agar into oven (5 Minutes)
5. Pour the LB agar solution into petri dish
  - Use falcon to amount the volume
  - Add antibiotic using micropipette, then shake agar+antibiotic slowly
  - Do the pouring in BSC